

Work Order ID 62337

Monday, September 27, 2010 11:31:23 AM



Page 1

Item ID: D3572-041

Accept



Setup Start



Revision ID:

Item Name: Guide Assembly

Stop



Start Date: 9/27/2010 Start Qty: 8.00



Cust Item ID:

Required Date: 10/4/2010 Req'd Qty: 8.00



Customer:

Reference:

Approvals: Process Plan:

HL

Date: 109-27 Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

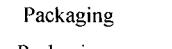


Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D3572	Rev D

100 Pick Kit 0.00

8X
=7m, ✓ w/o a/29



Packaging

Memo

Packaging

110

0.00



Small Fab

Small Fab

Memo

Small Fab

1-Cut Tube D3572-1 as per Dwg D3572
2-deburr both ends

0.00

8X
m, ✓ w/o a/29

120

0.00



QC5- Inspect part completeness to step on W/O

0.00

QC

Sololbs

Quality Control

x8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

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Page 2

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Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Weld per dwg A/R Aluminum rod Batch: 108436

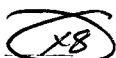
0.00

Large Fab

Large Fab

Memo

0.00

Q 10-11-25

Large Fab

1-Weld D3572-3 guides and D3572-5 bracket as per Dwg D3572
2- grind weld flush at the end of tube only

140



QC5- Inspect part completeness to step on W/O

0.00

S (alulof)

Quality Control

Memo

0.00

(X8) _____

150



QC9- Inspect visual per QSI004- Fusion Welds

0.00

Quality Control

Memo

0.00

(X8) X 0 BE10/11/25

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Page 3

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Item Name: Guide Assembly

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Cust Item ID:

Required Date: 10/4/2010 Req'd Qty: 8.00



Customer:

Reference:

Approvals: Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run

Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center ID

180



HandFinish

Hand Finishing

Operation
Description

Chemical Conversion Coat per QSI005 4.1

Set Up/
Run Hours

0.00

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

=> 41 10/11/26

Y8

Ø

190



Powdercoat

Powder Coating

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

m 112588

0.00

Memo

0.00

START TIME: 10:15
OVEN TEMPERATURE: 320°
FINISH TIME: 10:45

8 10/11/26.

200



QC

Quality Control

QC3- Inspect Part Finish

0.00

=> 40 10/11/29

Memo

0.00

X8

Ø

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Page 4

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Start Date: 9/27/2010 Start Qty: 8.00



Cust Item ID:

Required Date: 10/4/2010 Req'd Qty: 8.00



Customer:

Reference:

Approvals: Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start



QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

Sequence ID/
Work Center ID

210



Packaging

Packaging

Operation
DescriptionIdentify as per dwg & Stock Location: 260Set Up/
Run Hours

0.00

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp10/11/298x

220



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

CK 10/11/29 MF

10-11-29

W/O:		WORK ORDER CHANGES					
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Picklist Print

Monday, September 27, 2010 11:31:27 AM

Page 1

Work Order ID: 62337



Parent Item: D3572-041



Parent Item Name: Guide Assembly

Start Date: 9/27/2010

Required Date: 10/4/2010

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP Rev:A New Issue 07-02-07 JLM

IPP rev B revB dwg EC

IPP Rev:C Removed D3572-7 Cap 07-06-11 JLM

IPP Rev:D 08-05-27 Review process of IPP DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M6061T6T1.000W.188



Purchased

No

110

f

63.5653

2.34

19.70526



6061T6 RD TUBE 1.00 X .188W

Location	Loc Qty	Loc Code
MAT	1.2163	
114520	1.2163	
MAT016	62.349	
113511	15.516	
114089✓	46.833	

m-f 10/09/29

19-70526

32

EC 10-11-23

D3572-3



Guide

62215X2

62401X30

Manufactured

No

130

Each

20.0000

4



Location	Loc Qty	Loc Code
ST244	20	
59640	20	

D3572-5



Manufactured

No

130

Each

25.0000

1



Bracket

Location	Loc Qty	Loc Code
ST072	20	
WA	20	
59405	5	
54119	5	

EC 10-11-23

889

W/O:		WORK ORDER CHANGES					
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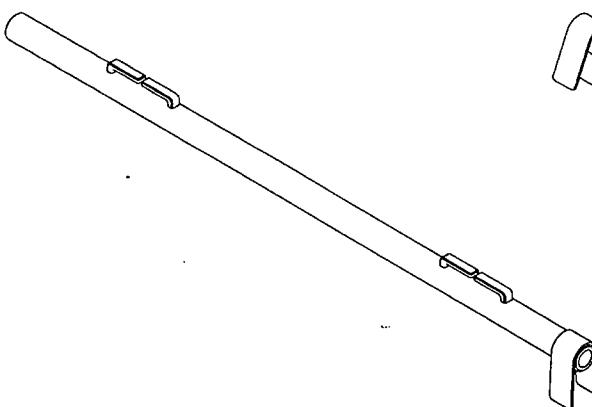
NOTE: Date & initial all entries

ITEM No.	QTY -041	QTY -043	QTY -044	PART NUMBER	DESCRIPTION
1	X			D3572-041	GUIDE ASSEMBLY
2		X		D3572-043	GUIDE ASSEMBLY (UH-1)
3		X		D3572-044	GUIDE ASSEMBLY (UH-1) (OPP)
11	1	1	1	D3572-1	TUBE
12	4	4	4	D3572-3	GUIDE
13	1	3	3	D3572-5	BRACKET
14	-	-	-	D3572-7	DELETED AT REV C

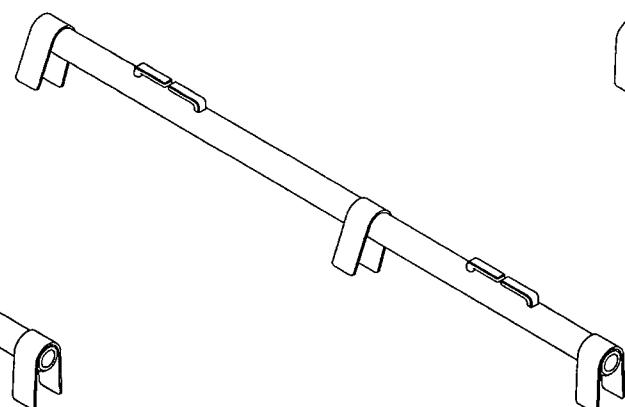
4 COPY
1
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2
1
D
C
B
A
D
C
B
A

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 12337
P80927

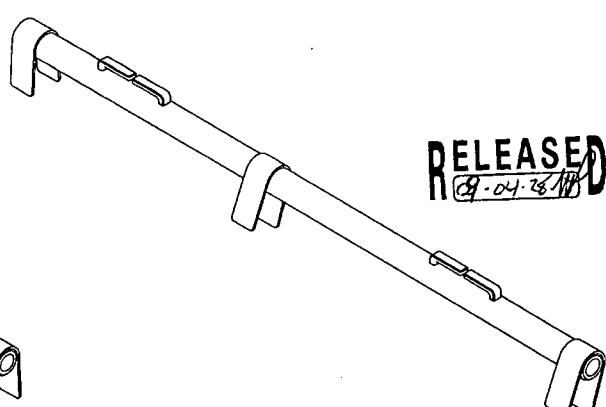
RELEASED
(8-04-26-11)



D3572-041 GUIDE ASSEMBLY



D3572-043 GUIDE ASSEMBLY (UH-1)



D3572-044 GUIDE ASSEMBLY (UH-1)

NOTES:
 1) MATERIAL: NONE
 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 POWDER COAT GREY SANTEX (4.3.5.6) PER DART QSI 005 4.3
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3572-XXX" USING FINE POINT PERMANENT INK MARKER
 7) WEIGHT -041: 1.34 lbs
 -043/-044: 1.42 lbs
 8) WELDING: PER DART QSI 004

D	REDRAWN IN "B" SIZE FORMAT TO CURRENT STANDARDS. ADD -043, -044 FOR UH-1. SEE PAR 09-017.	AJS	09.04.17
C	REMOVE D3572-7	LE	07.06.01
B	FOR D3573-3 0.03 CHMF WAS 0.06; ADD TYP TO FILLET	LE	07.04.20
A	NEW ISSUE	LE	07.03.29
REV.	DESCRIPTION	BY	DATE
DESIGN	LE	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	1	DRAWING NO.	D3572
MFG. APPR.	CE	REV. D	SHEET 1 OF 4
APPROVED	#	TITLE	SCALE
DE APPR.	#	GUIDE ASSEMBLY	NTS
DATE	09.04.17	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

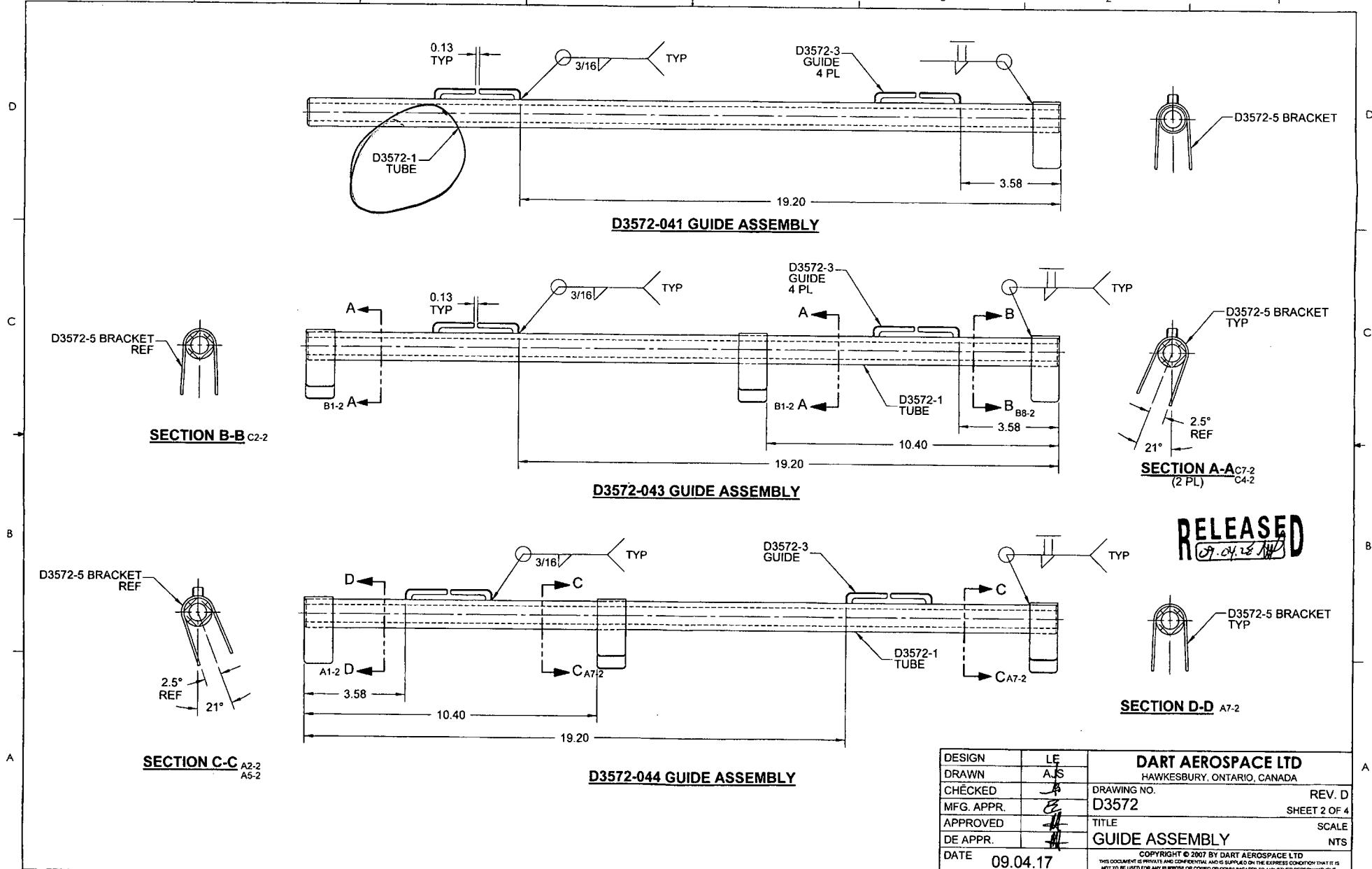
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WLO 62337

8 7 6 5 4 3 2 1



8 7 6 5 4 3 2 1

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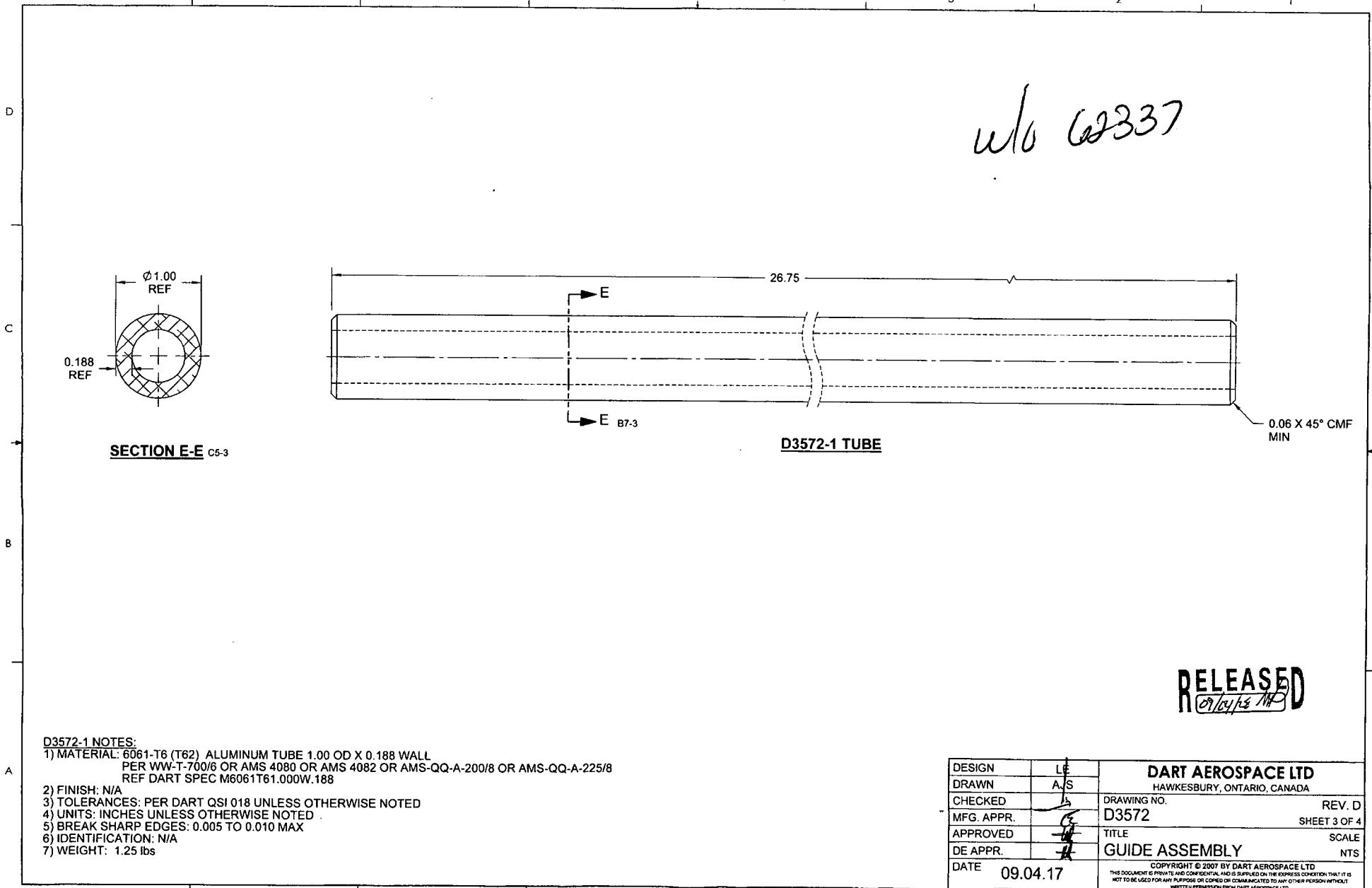
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8 7 6 5 4 3 2 1



8 7 6 5 4 3 2 1

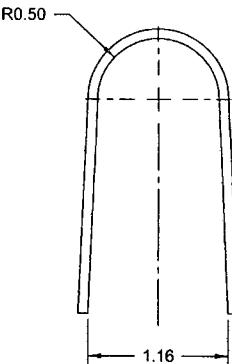
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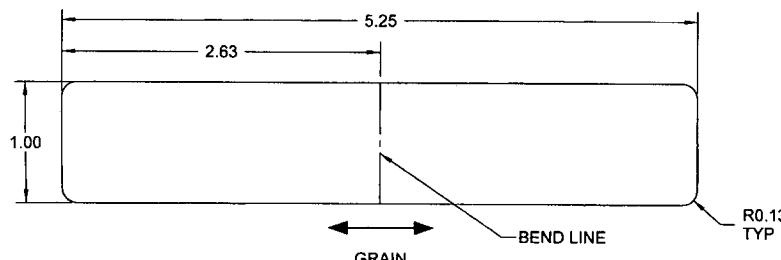
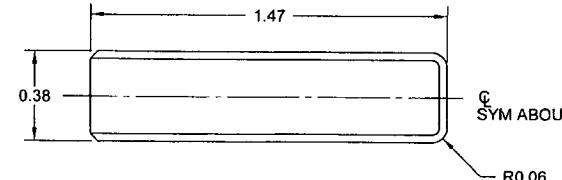
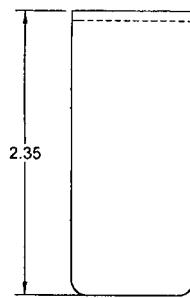
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D3572-5 BRACKET
(MAKE FROM D3572-5F)



D3572-5F FLAT PATTERN

D3572-3 NOTES:

1) MATERIAL: 6061-T6 (OR T651/T6510/T651/T62) ALUMINUM BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
AMS-CQ-A-200/8 (OR AMS4160)
REF DART SPEC M6061T6B

2) FINISH: N/A

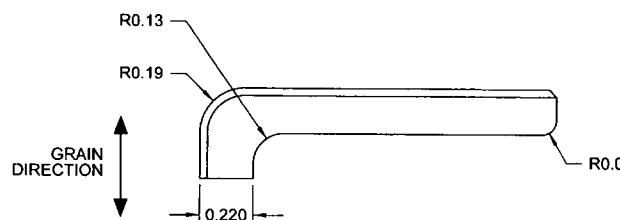
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

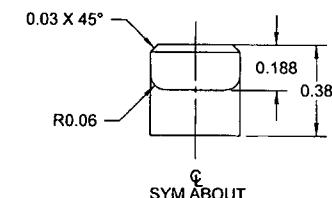
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

7) WEIGHT: 0.01 lbs



D3572-3 GUIDE



RELEASED
May 23, 1992

D3572-5 NOTES

D3572-5 NOTES:

- 1) MATERIAL: 6061-T6 (OR T62) ALUMINUM SHEET 0.080 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
REF DART SPEC M60601T6S.080
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.04 lbs

DESIGN	LE	DART AEROSPACE LTD		
DRAWN	A/S	HAWKESBURY, ONTARIO, CANADA		
CHECKED	S	DRAWING NO.	REV. D	
MFG. APPR.	C	3572	SHEET 4 OF 4	
APPROVED	H	TITLE	SCALE	
DE APPR.	H	GUIDE ASSEMBLY		
DATE	09.04.17	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD, AND IS SHIPPED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY OTHER PURPOSE.		

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